



28P17

2834

PTO/SB/21 (01-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

16

Application Number

09/708,319

Filing Date

November 8, 2000

First Named Inventor

Loran D. Ambs

Art Unit

2834

Examiner Name

Mark Osborne Budd

Attorney Docket Number

594-23638-US

ENCLOSURES (Check all that apply)

- | | | |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to Group |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input checked="" type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation | <input type="checkbox"/> Status Letter |
| <input checked="" type="checkbox"/> Extension of Time Request (1 month) | <input type="checkbox"/> Change of Correspondence Address | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | 1) Return Postcard |
| <input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Request for Refund | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> CD, Number of CD(s) _____ | |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |

Remarks

The Commissioner is authorized to charge any under payment or credit any over payment deemed associated with this communication to Deposit Account No. 50-1720 (594-23638-US)

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	G. Michael Roebuck Reg. No. 35,662
Signature	<i>G. Michael Roebuck</i>
Date	March 25, 2003

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: **3/25/2003**

Typed or printed **Naghma Hall**

Signature

Naghma Hall

Date

March 25, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



CERTIFICATE OF MAILING

do hereby certify that this correspondence is being deposited with the United States Postal Service on March 25, 2003 as First Class Mail, postage prepaid, in an envelope addressed to: Assistant Commissioner of Patents, Washington, DC 20231.


Naghma Hall

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ambs	§	Group Art Unit: 2834
	§	
Serial No.: 09/708,319	§	
	§	
Filed: November 8, 2000	§	Examiner: M. Budd
	§	
Title: Hybrid Piezo-film Continuous Line and Discrete Element Arrays	§	Atty. Docket: 594-23638-US

Assistant Commissioner of Patents
Washington, D.C. 20231

RESPONSE TO OFFICE ACTION MAILED November 25, 2002

This paper is filed in response to the Office Action dated November 25, 2002. A Request for an Extension of Time is filed with this instrument. The Commissioner is authorized to charge any fees deemed necessary or credit any overpayment related to the filing of this Response to Deposit Account No. **50-1720** maintained by Western Geco.

In the Claims

Claims 1-23 are pending in this application. Please amend the claims as follows:

- 1 1. [Thrice Amended] A single element piezoelectric sensor for detecting acoustic
- 2 seismic data comprising: